



MultiPASS™ F30

Color Bubble Jet™ Printer/Copier/Scanner

User's Manual

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Canon U.S.A., Inc. has reviewed this manual thoroughly in order that it will be an easy-to-use guide to your Canon MultiPASS F30 MFP. All statements, technical information and recommendations in this manual and in any guides or related documents are believed reliable, but the accuracy and completeness thereof are not guaranteed or warranted, and they are not intended to be, nor should they be understood to be, representation or warranties concerning the products described.

Specifications are subject to change without notice.

All print speeds are based on draft mode. Print speed will vary depending on system configuration, software, document complexity, print mode and page coverage.



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Introduction

What the F30 MFP Can Do

Congratulations on purchasing your Canon MultiPASS F30 multifunction unit! The F30 MFP eliminates the need for multiple devices in your home or office by incorporating the functions of:

- Printer** Print crisp, clear color or black and white pages from your PC.
- Copier** Use your F30 MFP as a stand-alone copier for color or black and white copies.
- Scanner** Scan high-resolution images to your PC.

The MultiPASS Toolbar

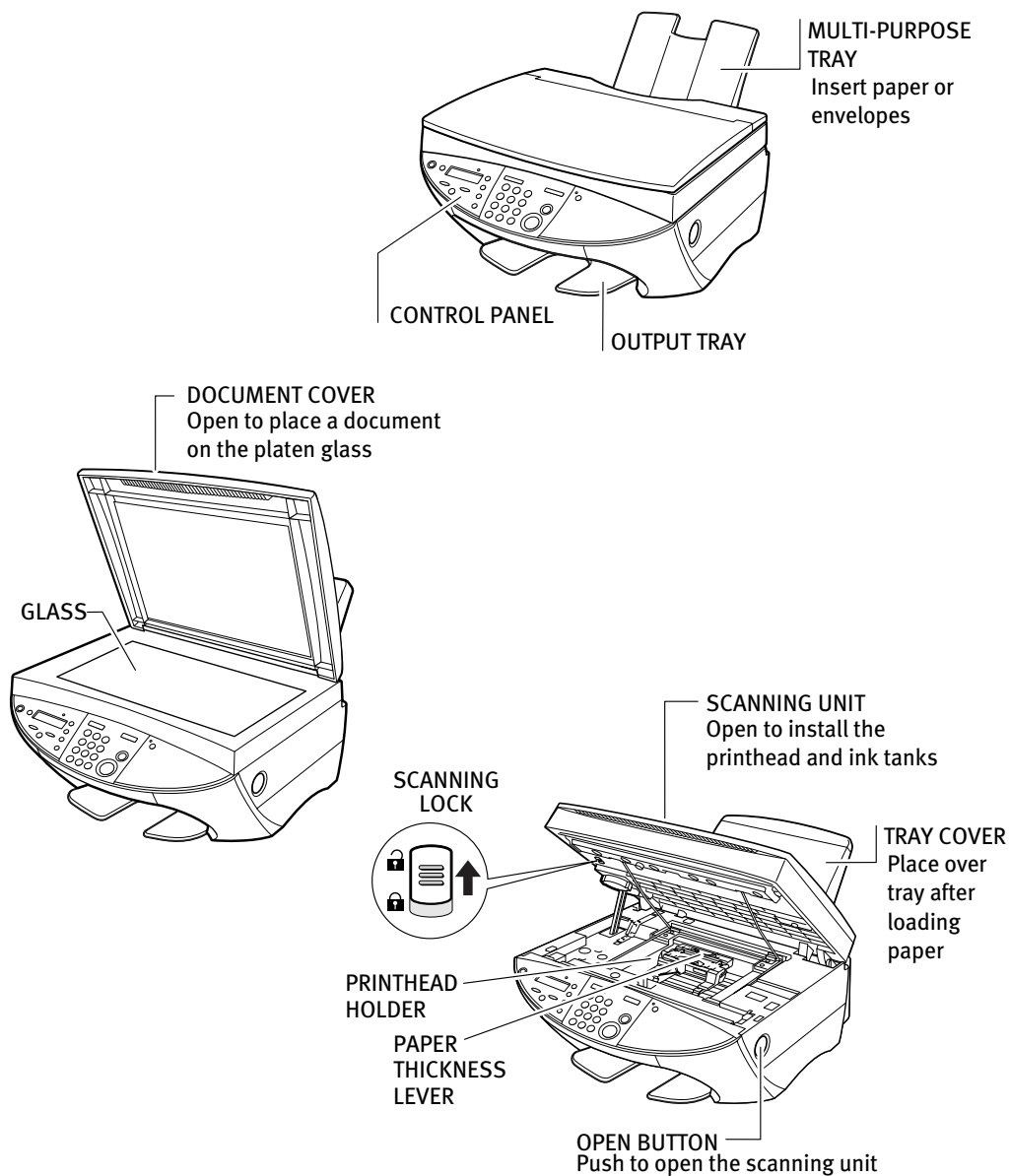
You can use the F30 MFP as a stand-alone device for copying, or with your PC as a fully-integrated printer/copier/scanner. From your PC, you can access and navigate many of the features using the MultiPASS toolbar.

Getting More Help

This manual describes some of the features of your F30 MFP and how to use them. For more information, see the online *MultiPASS User's Guide* available on your MultiPASS CD-ROM.

You can also access online help from the MultiPASS toolbar (see “How to Use the MultiPASS Toolbar” starting on page 5) or the printer driver (see “How to Print” starting on page 11).

The F30 MFP Unit



Control Panel Menus

Menu options on the control panel vary depending on whether **Copy** or **Scan** mode is selected.

Some options are common to all modes.

Tips on Navigating the Control Panel Menus

Set



Press the **Set** button to move down to the next menu level or select a menu option.

Stop/Reset



Press **Stop/Reset** at any time to exit the menus.

How to Load Paper and Envelopes

Specifying Paper Size and Type

If copying on specialty paper (glossy, high resolution, transparency or photo), you can optimize results by setting the paper size and type from the F30 MFP control panel. If printing on specialty paper, select the appropriate paper type from the printer driver. For procedures, see the chapters on printing or copying in this manual, or the documentation included on your *MultiPASS Suite 4.0 CD-ROM*.

Loading Paper

To load paper or other media:

1 ADJUST PAPER GUIDE

Pinch and slide the paper guide to the left.

2 INSERT PAPER

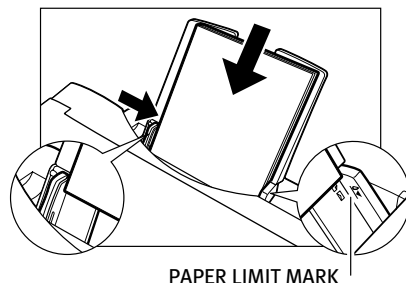
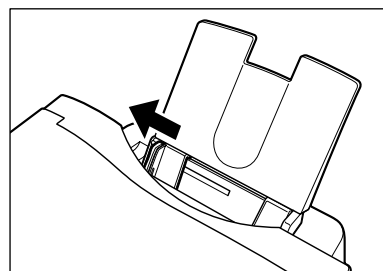
Fan the sheets, then tap the stack edge to align.

Insert into the multi-purpose tray, with the edge aligned to the right and print side facing up.

When using specialty media, do not touch the print side.

Do not exceed the paper limit mark.

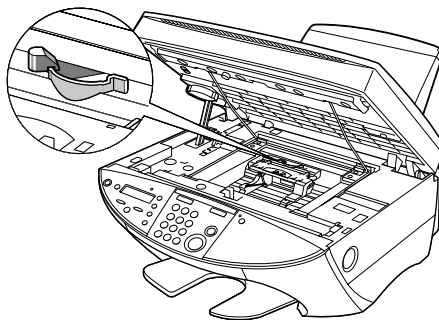
Place the tray cover on the multi-purpose tray when finished.



PAPER LIMIT MARK

To load envelopes:**1 OPEN SCANNING UNIT**

Press the **Open** button on the side of the F30 MFP, then lift the scanning unit.

**2 SET PAPER THICKNESS LEVER**

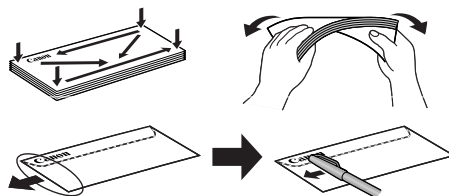
Adjust the paper thickness lever to the right, then close the scanning unit until it clicks into place.

3 ADJUST PAPER GUIDE

Pinch and slide the paper guide to the left.

4 INSERT ENVELOPES

Before loading, press the corners and sides of the envelopes to make them as flat as possible. Insert into the paper tray, with the print side facing up and aligned to the right.



Make sure that none of the envelope flaps overlap. If the envelope edges are not flat, crease them with a pen.

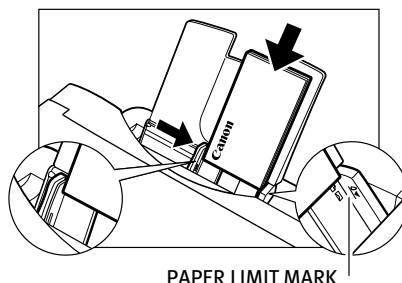
Insert envelopes into the multi-purpose tray, with the address side facing up and pointed in the direction shown. Align the stack with the right side of the paper rest.

5 READJUST PAPER GUIDE

Move the guide securely to the edge of the envelopes.

6 REPLACE TRAY COVER

Place the tray cover on the multi-purpose tray when finished.



PAPER LIMIT MARK

How to Use the MultiPASS Toolbar

The Canon MultiPASS Suite is a software program that provides tools for quickly accessing and using many of the features of your F30 MFP. With the MultiPASS Toolbar, your F30 MFP is fully integrated with your PC as a printer, copier, and scanner.

Documents scanned through the MultiPASS Toolbar can be saved, edited or emailed. You can also customize the settings for the different toolbar features.

The MultiPASS Toolbar icons provide quick access to a number of scanning operations.



Mail scans an image and attaches it to an email.



Save scans an image and saves it as a file which can later be viewed, edited, printed or sent as an email.



Photo scans an image, and displays it in a graphic application.



My MultiPASS accesses the My MultiPASS folders, from which saved files can be viewed, edited, printed or sent as an email.





Settings allows editing of MultiPASS Toolbar settings.

Getting Help for the Toolbar

Online help is available for the toolbar.

To access online help from the toolbar:



- Click the  icon on the toolbar, *or*
- Right-click any screen area of the window to access the **What's This?** help description for that area, *or*
- Click the  key in the upper right corner, then click the feature you want to know more about.


Getting More Help

This manual describes some of the features of your F30 MFP and how to use them. For more information, see the online *MultiPASS Software Guide* available on your MultiPASS CD-ROM.

Using the MultiPASS Toolbar

Opening the toolbar provides direct access to the MultiPASS features. Once the toolbar is open, you can access the desired feature directly.

To access the toolbar:

Double-click the **Canon MultiPASS Toolbar** icon  on your desktop, *or* Go to **Start**, then **Programs**. Select **Canon MultiPASS Suite 4.0**, then **Canon MultiPASS Toolbar**.

Modifying Toolbar Settings


Toolbar Settings define the settings used for scan operations started from the MultiPASS toolbar. Before using the MultiPASS Toolbar, set up each option using Toolbar Settings.

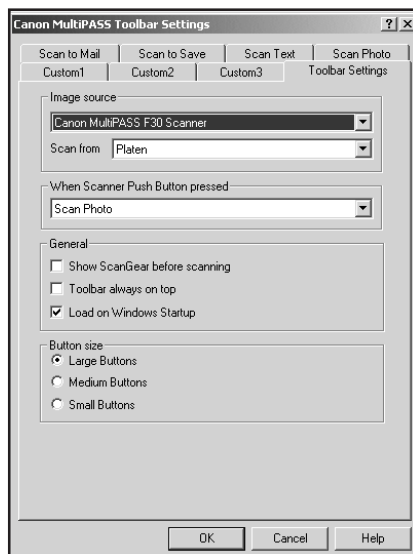
You can set a custom image type, image quality resolution and paper size for each scan operation. For scan operations that open other applications (such as **Scan Photo**), you can select the application to open.

You can also set up to three custom scan operations with the **Custom1**, **Custom2** and **Custom3** tabs. Custom operations only show on the toolbar if they've been set up to do so.

To change Toolbar Settings:

1 SELECT OPTION TO BE MODIFIED

Click  on the MultiPASS Toolbar, then select the tab for the setting you want to modify.



2 DEFINE SETTINGS FOR OPERATION

Make the desired modifications for each operation, referring to the online help as needed.

When one tab is complete, select the next tab and continue.

Click **OK** to save the new settings and exit the dialog box.

Working with Saved MultiPASS Files

When a document is scanned with the Scan to Save option or is saved from within the MultiPASS viewer, it is saved in the My MultiPASS folders. From these folders, a saved document can be viewed, edited, sent as an email attachment, or printed.

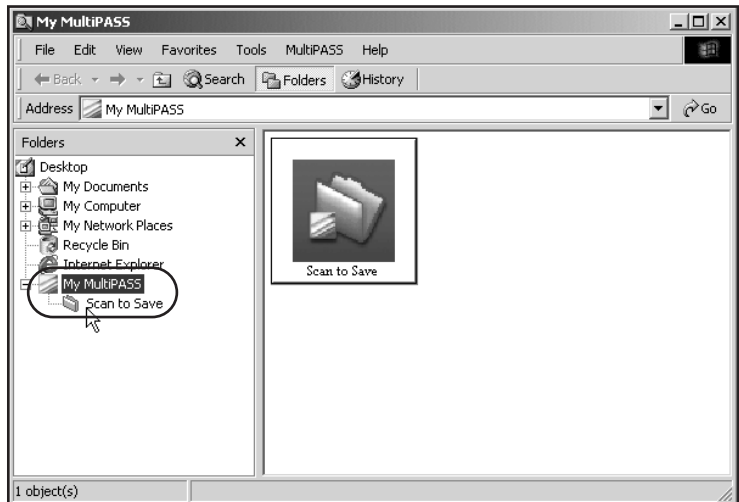
Accessing Saved MultiPASS Files

When you access files saved through MultiPASS Toolbar, the Exploring My MultiPASS window will open.

There is also a MultiPASS menu option for emailing documents directly from this window.


Files saved when **Scan Photo** is clicked are saved in your **C:/My Documents/My Pictures** folder and cannot be used within the MultiPASS Explorer for MultiPASS operations.

You can navigate to other folders from within the My MultiPASS Explorer, but as soon as you click on a non-MultiPASS folder, the MultiPASS menu option will go away. To access the MultiPASS options again, click on one of the MultiPASS folders.



Files you have created in other applications cannot be saved in My MultiPASS folders.

To access files in the My MultiPASS folders:

Click the  icon on the MultiPASS Toolbar *or* double-click the **My MultiPASS** icon on the desktop.

Viewing, Editing and Printing Saved Documents

Documents saved in My MultiPASS folders can be viewed and edited in the MultiPASS Viewer.

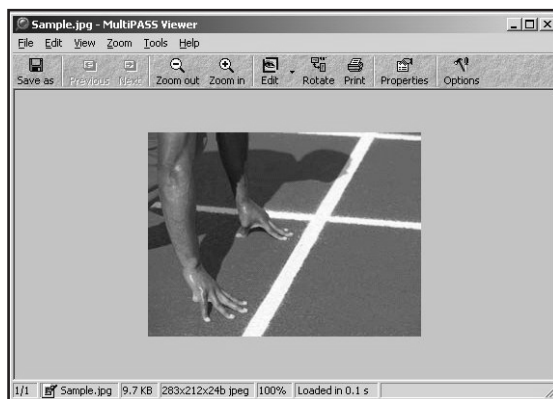
To use the MultiPASS Viewer:

1 ACCESS DOCUMENT

Navigate My MultiPASS folders, then double-click the document. The MultiPASS Viewer will open and display the document.

2 VIEW OR EDIT DOCUMENT

On the MultiPASS Viewer, you can rotate the document and perform other basic editing tasks. To print the document, click **Print** on the MultiPASS Viewer toolbar.



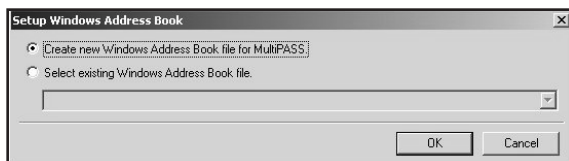
Working with the Address Book

Unless you specify otherwise, the MultiPASS software uses the MultiPASS Address Book to store all of your address book entries. You create the Address Book the first time you open it.

To create the Address Book:

1 OPEN CANON ADDRESS BOOK PROFILE

Click **Start, Programs, Canon MultiPASS Suite 4.0**, then **Canon MultiPASS Address Book Profile**.



2 CREATE AN ADDRESS BOOK

Click **Create New Windows Address Book file for MultiPASS**, then click **OK**.

3 OPEN YOUR ADDRESS BOOK

Double-click **My MultiPASS** folders icon on the Windows desktop, click the **MultiPASS** menu, then **Address Book**.

You can now enter **Contacts** (individual data) or a **Distribution List** (multiple addresses to whom you repeatedly send the same emails).

Emailing Saved Documents

You can attach a document saved in MultiPASS to an email.

To email a document:**1 SELECT DOCUMENT**

Navigate My MultiPASS folders, then click the document to highlight.

2 SEND DOCUMENT

Select the **Email** option to send an email with the document attached. Follow the on-screen instructions.

Tips on Sending Emails Using MultiPASS

When prompted, enter the name and email address of the recipient, then click **Add to Recipient List**. This information will also be stored in the MultiPASS Address Book for future use.

To email to multiple recipients (sometimes referred to as *sequential broadcasting*), continue to enter email addresses and click **Add to Recipient List**.

Once email data is entered, you have the option to **Send Now** or **Send Later**. If you click **Send Later**, you will be prompted to enter a date and time to send the email.

The MultiPASS Status Monitor

The Status Monitor displays a list of the F30 MFP's currently running jobs. If no jobs are running, it shows the F30 MFP as idle.

NOTE: The Status Monitor must be running to print, copy or scan.

To open the Status Monitor:

Click **Start**, then **Programs**.

Select **Canon MultiPASS Suite 4.0**, then **Canon MultiPASS Status Monitor**. The Status Monitor window will appear.



Using your F30 MFP with your PC lets you print basic business documents in B&W or color on a variety of specialty media. For a full list of Canon specialty media that can be used with your F30 MFP, see the inside back cover of this manual.

What Is a Printer Driver?

A *printer driver* is a software program that acts as an *interface* between your computer and your printer and allows you to print from any application that supports printing in Windows. The Canon F30 MFP printer driver also provides other features, such as monitoring the F30 MFP's paper supply and ink levels.

**Note**

Menus vary between applications. Consult your user manual if recommended procedures for accessing the printing feature within an application do not match your application.



To access the printer driver dialog box:

From an application **File** menu, select **Print**. With **Canon MultiPASS F30 Printer** as the selected printer, click **Properties**. The Properties window will open to the **Main** tab.

Getting Help From the Printer Driver

Online help is available when in the printer driver.

To access online help from the printer driver:

- Press the **F1** key, *or*
- Right-click any screen area of the window to access the **What's This?** help description for that area, *or*
- Click the  key in the upper right corner, then click the feature you want to know more about, *or*
- Click the  button when it is available.

Selecting the F30 MFP Printer

If the F30 MFP is the only printer connected to your PC, it will be the default (main) printer. However, if your PC has access to multiple printers, you can select the F30 MFP as the default.

If another printer is set as the default, you can select the F30 MFP for a specific print job from within most Windows applications.

To set the Canon MultiPASS F30 MFP as your default printer:

1 ACCESS PRINTERS

From Windows desktop, click **Start**, **Settings**, then **Printers**.

2 SET AS DEFAULT

Right-click the **Canon MultiPASS F30 printer icon**, then click **Set as Default**. The Canon MultiPASS F30 printer icon will display a check mark indicating it is the default printer.

To select the Canon MultiPASS F30 Printer from within an application:

1 ACCESS PRINT DIALOG

With the application open, click **File**, then **Print**.

2 SELECT CANON F30 MFP

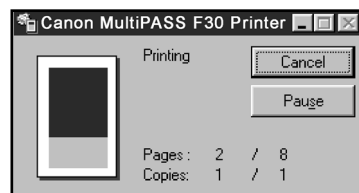
Select **Canon MultiPASS F30 Printer** from the printer name drop-down list, then click **OK**.

Canceling a Print Job

There are several ways to cancel a print job in progress:

To cancel a print job from the print dialog box:

When a job is printing on the F30 MFP, a print status dialog box displays on your screen.



Click **Cancel** at any time while the print dialog is open to cancel the current job. The job will be canceled and the paper ejected.

To cancel a job from Windows:

1 ACCESS PRINTERS

While the print job is running, click **Start**, then **Settings**, then **Printers**.

2 DELETE JOB

Double-click **Canon MultiPASS F30 Printer**, right-click the print job, then **Cancel**.

Improving Printed Images

Two important factors control the quality and output of your printed images:

Paper and Ink	Using recommended paper or specialty media for printing graphic images or photographs can significantly improve print quality. Also, always use the specific Canon inks for your F30 MFP printer, as noted on the inside back cover.
Driver Settings	There are a variety of printer driver settings you can use to enhance the quality of the print, the colors and the way in which the document comes out of the printer. These settings can be adjusted from the printer driver interface, or in some instances, directly from the MultiPASS Toolbar.

Adjusting Print Quality

Two features that affect the appearance and quality of your printed documents can be controlled with the printer driver.

Media Type	The F30 MFP automatically adjusts printer settings to improve print quality based on the media type (plain paper, Glossy Photo Paper, etc.) you select.
Print Quality	When you select a media type, print quality is automatically set for that media. You can override these settings if desired.

To select best print quality with the Print Advisor wizard:

1 ACCESS PRINTER DRIVER

From an application **File** menu, select **Print**.

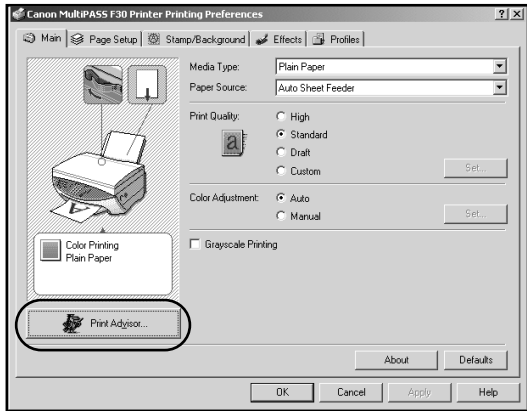
With **Canon MultiPASS F30 Printer** as the selected printer, click **Properties**. The Properties window will open to the **Main** tab.

2 USE PRINT ADVISOR

Click the **Print Advisor** button. The wizard dialog box will open.

Follow on-screen instructions to select the optimum output type, media and settings for your print job.

When done, click **OK** to save the setting and close the window.



To manually adjust print quality settings:

1 ACCESS PRINTER DRIVER

From an application **File** menu, select **Print**.

With **Canon MultiPASS F30 Printer** as the selected printer, click **Properties**. The Properties window will open to the **Main** tab.

2 SELECT MEDIA TYPE

Select the appropriate **Media Type** from the drop-down menu.

3 CHANGE MEDIA SETTINGS

Each **Media Type** has a default **Print Quality**, but you can select different settings:

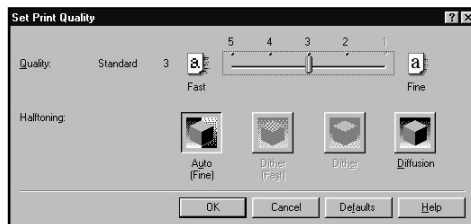
High	For high quality when printing a color document.
Standard	For high quality when printing text.
Draft	For printing text drafts at a faster speed.
Custom	To allow for more precise control.

If you select **Custom**, the **Set** button becomes active. Click **Set** to open the **Set Print Quality** dialog box. There are two features you can control:

Print Quality Provides five settings for custom print quality, ranging from Fast at the far left (prints at 600 dpi, which means faster printing and less ink) to Fine, which prints at 2400 x 1200 dpi.

Halftoning Controls the pattern in which the ink is laid down when printing graphic images.

When done, click **OK**.



Automatically Smoothing Images

Image Optimizer smoothes jagged edges formed when enlarging a photo or graphic from its original size. It is most effective when used with low-resolution images.

To smooth images:

1 ACCESS PRINTER DRIVER

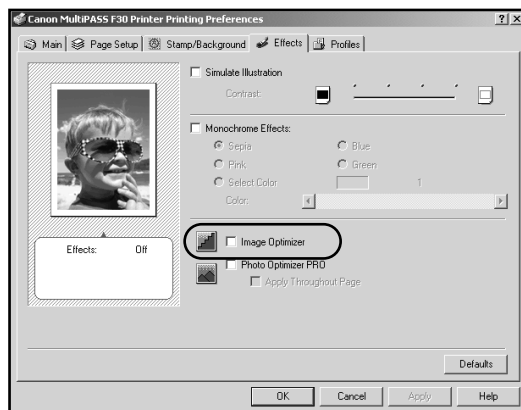
From an application **File** menu, select **Print**.

With **Canon MultiPASS F30 Printer** as the selected printer, click **Properties**.

2 SELECT IMAGE OPTIMIZER

Click the **Effects** tab, then click the **Image Optimizer** check box.

Click **OK** to save this setting and close the window.



Adjusting Color Balance, Intensity and Brightness

You can enhance color printing by adjusting the color balance, intensity (saturation) and brightness.

To adjust color settings:

1 ACCESS PRINTER DRIVER

From an application **File** menu, select **Print**.

With **Canon MultiPASS F30 Printer** as the selected printer, click **Properties**. The Properties window will open to the **Main** tab.

2 ADJUST COLOR SETTINGS

Under Color Adjustment, select **Manual**, then click **Set** to open the **Manual Color Adjustment** dialog box.

Click and drag the **Color Balance** slide bar for each color to adjust the color settings. The results will preview.

Click and drag the **Intensity** slide bar to change the intensity (saturation) for the image. The results will preview.

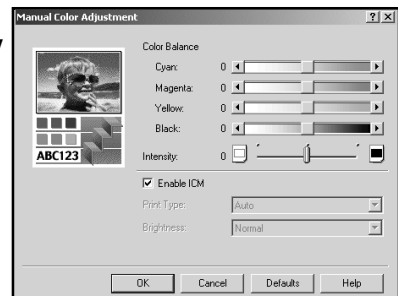
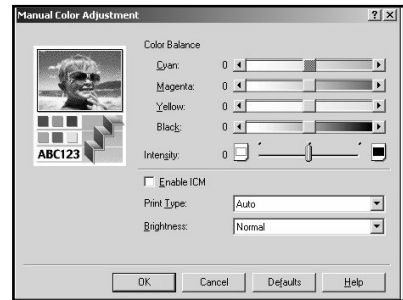
To use **Image Color Management (ICM)**, see below.

Under **Print Type**, select **Photo** when printing photographs for a wider range of tones, or **Graphic** when printing graphic images for crisper, cleaner printing.

Select a **Brightness** setting to determine how light or dark the image will appear when printed.

Image Color Management (ICM) automatically adjusts image colors. To use ICM, click the **Enable ICM** check box. All other features on this tab (except intensity) will become inactive.

When done, click **OK**.



Automatically Optimizing Images

Photo Optimizer PRO automatically adjusts a photographic image created with a digital camera. Use this feature to compensate for unsatisfactory color balance and over- or under-exposure before printing.

To optimize images:

1 ACCESS PRINTER DRIVER

From an application **File** menu, select **Print**.

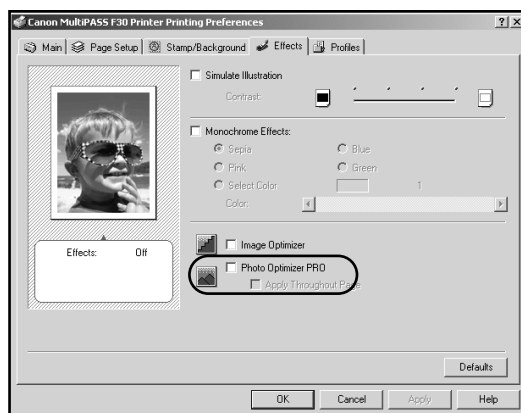
With **Canon MultiPASS F30 Printer** as the selected printer, click **Properties**.

2 SELECT PHOTO OPTIMIZER PRO

Click the **Effects** tab, then click the **Photo Optimizer PRO** check box.

When Photo Optimizer PRO is checked, the **Apply Throughout Page** option becomes active. If this box is left unchecked, the F30 MFP will optimize each image individually. If checked, all images will be automatically corrected with the same settings.

When done, click **OK**.



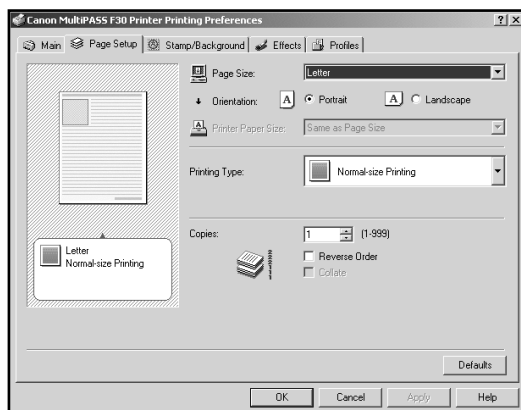
Changing Page Setup

You can change how the image is printed without affecting the original image file.

To change page setup:

1 ACCESS PRINTER DRIVER

From an application **File** menu, select **Print**.



With **Canon MultiPASS F30 Printer** as the selected printer, click **Properties**.

2 MAKE PAGE SETUP CHANGES

Click the **Page Setup** tab.

From this tab, you can change the following:

Page Size defaults to the page size set in the original document, but can be changed.

Orientation lets you select either portrait or landscape orientation.

Printer Paper Size is the page size used by the printer. This defaults to match the page size. However, a different printer paper size can be selected if a Printing Type other than normal is selected (see below).

Printing Type defaults to Normal-size Printing. Click the drop-down arrow to select a different Printing Type:

Scaled Printing lets you set the scale of the printed image down to 20% or up to 400% of the original.

Fit-To-Page Printing lets you automatically reduce the image to fit the page on which it will be copied.

Page Layout Printing lets you set the number of pages to print on a single sheet. Click **Specify** to set the number of pages to a sheet of paper (2 to 16), the print order for those pages (left to right or right to left) and whether you want to print a border around each page.

Poster Printing lets you print an oversized image on multiple pages that can then be manually joined together. Click **Specify** to set the image divisions (how many tiles the image will break up into).

Banner Printing is used for printing banners on special banner paper.

When done, click **OK**.

Saving and Recalling Driver Settings

When you change printer driver settings for a specific print job, such as printing black and white photos, or printing documents with a special background, you can save and name this settings profile for future use on other similar print jobs.

To save a driver setting profile:

1 ACCESS PRINTER DRIVER

From an application **File** menu, select **Print**.

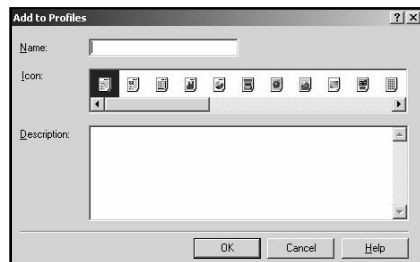
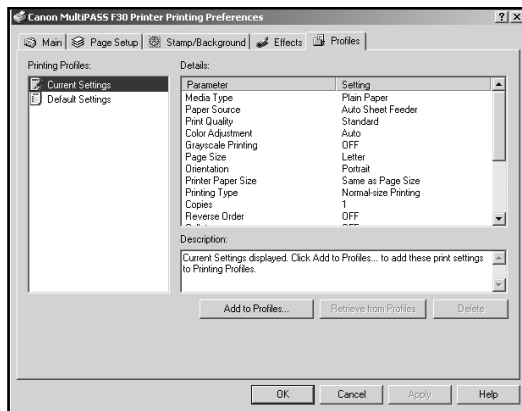
With **Canon MultiPASS F30 Printer** as the selected printer, click **Properties**.

2 NAME AND SAVE PROFILE

Click the **Profiles** tab.

Click **Add to Profiles**, then type a name for your settings in the **Name** field. You can also select an icon for this profile.

Type a description of your settings, then click **Save**.



To recall a driver setting profile:

1 ACCESS PRINTER DRIVER

From an application **File** menu, select **Print**.

2 RETRIEVE PROFILE

Click the **Profiles** tab.

Highlight the saved setting profile you want to use, then click **Retrieve from Profiles**. Click **OK** to confirm the profile change. The profile settings will become active.

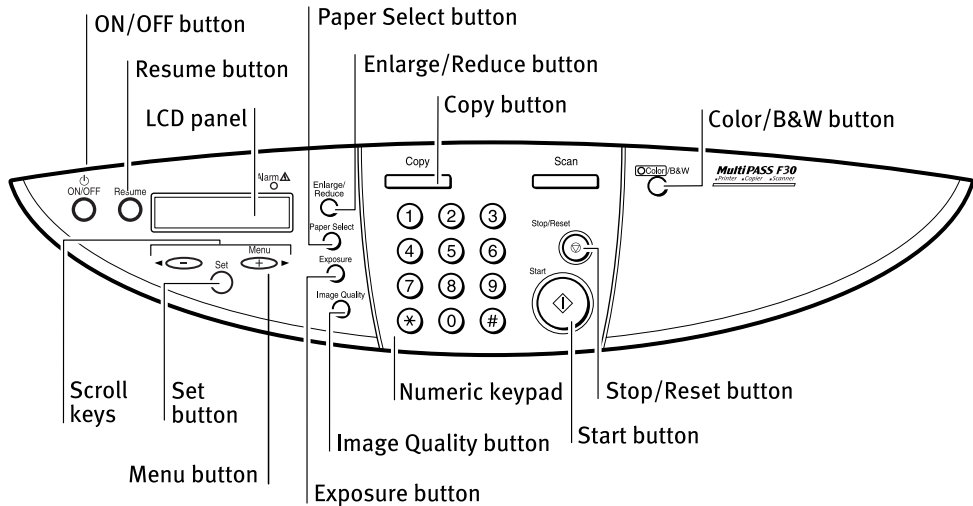
Click **OK** again to close the window.

Other Print Features

You can find other available features in the online *MultiPASS Reference Guide* on your CD-ROM, or by exploring the printer driver interface and referring to the online help as needed.

How to Copy

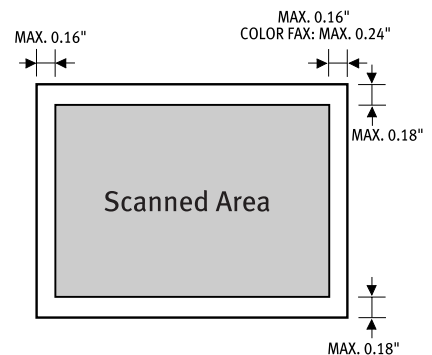
Below are the control panel buttons you will use for making copies.



The F30 MFP provides high-quality black and white or color copies, and can make up to 99 copies at a time. You can also adjust the scale and quality of the copied image.

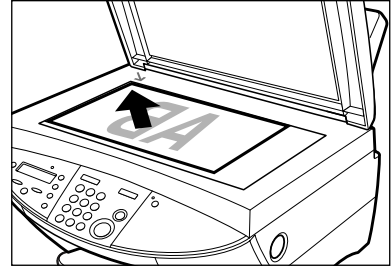
Loading Documents

To ensure that the full area of the document is copied, verify that text and graphics are within the illustrated shaded area.




To load a document:

- Place the document on the platen glass, face down.
- Align the upper left corner of the document to be copied with corner shown.
- Place the top of the document flush to the guide plate.

**Clearing Paper Jams****To remove a jam from the paper output tray:****1 REMOVE PAPER**

Gently pull any jammed paper out of the paper output.

2 RESTART OPERATION

Press  to start the operation again.

If you are printing from a Windows application, follow the instructions displayed by the software on your PC.


If you do not see jammed paper in the paper output, check the scanning unit for a jam.

Tips on Clearing Paper Jams

If print media jams in the multi-purpose tray, the LCD displays a **CLEAR PAPER JAM** message.

To remove a jam from the scanning unit:**1 SHUT OFF POWER**

Close any open error message dialogs on your PC.

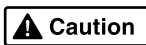
Press the  button to turn the F30 MFP off.

2 OPEN THE SCANNING UNIT

Push the **Open** button to open the scanning unit.

3 REMOVE JAMMED PAPER


Gently pull the jammed paper from the center to remove.




Caution Be careful not to touch the components inside the F30 MFP.

When the paper is out, close the scanning unit, then turn the F30 MFP back on.

4 RESTART OPERATION

Press the  button to turn the F30 MFP on.

Press  to start the operation again.

Making Copies


You can copy a document in B&W (the default) or color, and make single or multiple copies.

To copy a document:


1 LOAD DOCUMENT

Place document to be copied directly on the platen glass.


2 SET COPY MODE

Press  to access **Copy Mode**.

Use the numeric keypad to set the number of copies needed.

To make a color copy, press  once. The color function indicator will light up.

3 START COPYING

Press  to begin copying. The LCD panel will display number of copies remaining.

Reducing or Enlarging the Image Copied


You can reduce or enlarge the copy size within a range of 25% to 400% by using preset percentages for reducing or enlarging, or set the percentage ratios manually.


To enlarge or reduce using preset ratios:

1 LOAD DOCUMENT


Place document to be copied directly on the platen glass.

2 SELECT ENLARGE/REDUCE

Press  to access Copy Mode.

Press  once to access.


3 SET RATIO

Press  to scroll through copy ratios, and select from one of the following:

- 25% minimum
- 78% legal to letter size
- 95% A4 to letter size
- 100% same size
- 212% 4"x6" to letter size
- 400% maximum

Press  to select.

4 START COPYING


Press  to begin copying. The LCD panel will display number of copies remaining.

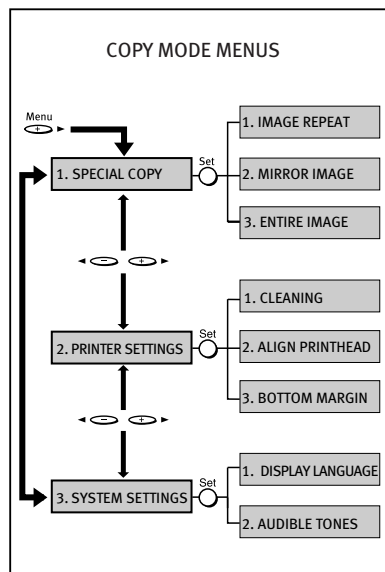
To set copy ratios manually:

1 LOAD DOCUMENT



Place document to be copied directly on the platen glass.

2 SELECT ENLARGE/REDUCE

Press  twice to access.




3 SET RATIO

Use the numeric keypad to enter a percentage, *or* press   to enter a percentage in 1% increments from 25% (minimum) to 400% (maximum).

Press  to select.

4 START COPYING

Press  to begin copying. The LCD panel will display number of copies remaining.

Shrinking an Image to Fit the Page


If the image to be copied is larger than the output paper, you can automatically reduce the image to fit the page on which it will be copied.


To fit an image on a page:

1 LOAD DOCUMENT

Place document to be copied directly on the platen glass.

2 SET COPY MODE

Press  to access **Copy Mode**.

To make a color copy, press  once. The color function indicator will light up.


Set the number of copies needed using the numeric keypad.


3 SELECT ENTIRE IMAGE


Press  then  to access **Special Copy** menu. Press   until **ENTIRE IMAGE** displays, then press the  button.

Tips on Copying

The LCD display shows the number of remaining pages during copying.


 The **Stop/Reset** button reverts settings to default.

 When the multi-purpose tray is empty, the LCD displays **LOAD PAPER**. Load paper in the tray, then press **Resume**.

 If paper jams, press **Stop/Reset**.

Copying documents with graphics requires more memory. If you encounter difficulties, copy fewer pages at a time.

4 START COPYING

Press  to begin copying. The LCD panel will display number of copies remaining.

Setting Paper Size and Type

If copying on paper other than letter-size plain paper, you can optimize results by setting the paper size and type from the F30 MFP control panel.



To change paper size and type:


1 LOAD DOCUMENT

Place document to be copied directly on the platen glass.



2 SET PAPER SIZE

Press  to access **Copy Mode**. Press  to access.

Press   to scroll through sizes. Select from **Letter**, **Legal** or **A4** sizes.

Press  to select a paper size and view paper type.

3 SET PAPER TYPE

Press   to scroll through paper types:

PLAIN	For plain paper (default)
GLOSSY	For Glossy Photo Paper
H. RES.	For Canon High Resolution Paper
TRANS.	For Canon Transparency Paper
PHOTO	For Photo Paper Pro

Press  to select, then press  to begin copying.

Adjusting Image Quality

Low image quality may cause text and graphics to have a jagged appearance, while a higher image quality provides smoother curves and lines, and crisp text and graphics.

The F30 MFP has image quality settings. Select the setting that most closely matches your needs.

To adjust the image quality:

1 LOAD DOCUMENT


Place document to be copied directly on the platen glass.

2 SELECT IMAGE QUALITY



Press  to access **Copy Mode**. Press  to access.

3 SELECT COLOR OR B&W

The F30 MFP will make a black and white copy unless you specify otherwise.

To make a color copy, press the  button.

4 SELECT QUALITY TYPE


Press   to scroll through quality types.

For black & white, select from:

B&W TEXT	For text-only documents
B&W PHOTO	For photographic documents (photos are copied with 64 levels of gray)
B&W DRAFT	For high-speed copying at lower image quality

For color, select from:

COLOR NORMAL	For normal color copying
COLOR FINE	For higher quality color copying
COLOR FAST	For high-speed copying with lower quality

Press  to select, then press  to begin copying.



Note

When using **COLOR FAST**, if the color of the output is different than expected, please select **COLOR NORMAL** or **COLOR FINE** and copy again.

Adjusting Image Exposure

Exposure controls the lightness or darkness of the copied document. If a document copies too light or too dark, you can adjust the exposure settings.

There are nine different levels of exposure to help you adjust your document.

To adjust the copy exposure:



1 LOAD DOCUMENT


Place document to be copied directly on the platen glass.


2 SELECT EXPOSURE


Press  to access **Copy Mode**. Press  to access.

3 SET EXPOSURE LEVEL

Press  once or more to lighten the copy. Press  once or more to darken the copy.

Press  to set your selection.

This setting will remain for one minute unless  is pressed.

Press  to begin copying.

Other Copy Features

The F30 MFP has other copy features available, including:

Repeating an image on a page: allows you to tile an image multiple times on a single page.

Create a mirror image: copies a document in reverse (mirror) image.

For more information on these features, see the online *MultiPASS Reference Guide* on your CD-ROM.

An image scanned with your F30 MFP can be saved, sent as an email attachment, printed or edited in an application such as OmniPage®.

There are two basic ways to obtain a scanned image:

From within an application

Open an application that supports scanning, then open the scanning software and perform the scan. The scanned image will automatically be brought into the application.

With the MultiPASS Suite

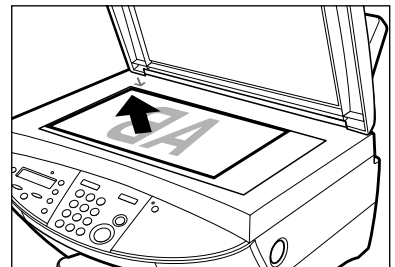
Scan a document directly with the MultiPASS Suite (See “How to Use the MultiPASS Toolbar” on page 5). To scan a document and print without saving, See “How to Copy” starting on page 21.

Scanning From Within an Application

Most image processing applications use the TWAIN driver standard for scanning. Much in the same way your printer driver allows your PC to communicate with your printer, a TWAIN driver makes it possible to send a scanned document from a scanner to your application.

When your F30 MFP is connected to your PC and the software is loaded, you can scan a document from the F30 MFP in most image processing applications.

This is usually done from the **File** menu, using either an **Import** or **Acquire** menu option. Refer to the documentation for your image processing application, if needed, for the exact procedure to access the scanner from within the application.



To scan from an application:

1 LOAD DOCUMENT

Open the F30 MFP document cover and place the document face down on the platen glass.

Align the document as shown.


2 ACQUIRE IMAGE

From your image processing application, select **Canon MultiPASS F30 Scanner** as the TWAIN SOURCE if not already selected. Access the scanner software to acquire the image.

Using ScanGear® Software

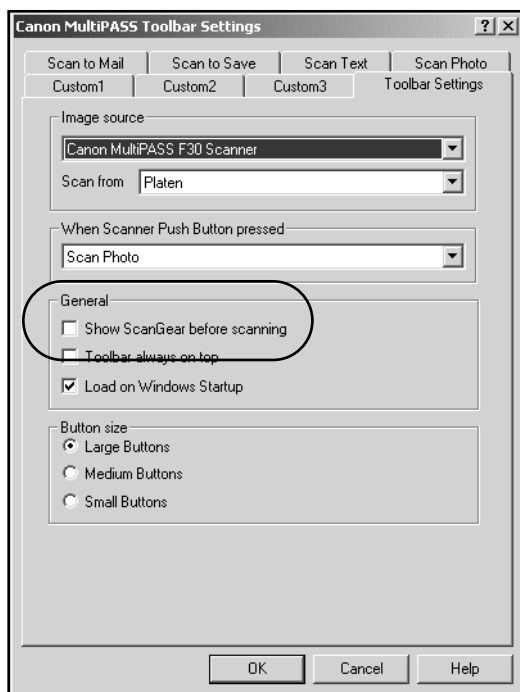
You can also adjust these settings in, and scan directly from, the MultiPASS Toolbar's ScanGear driver.

To enable ScanGear Software:


Click the **Settings** icon  on the toolbar, then click the **Toolbar Settings** tab.

Under **General**, check the box for **Show ScanGear before scanning**.

The ScanGear dialog box will open whenever you scan from the MultiPASS Toolbar.



Using the Scan Button for One-Push Functions

You can set the  button on the F30 MFP's control panel to instantly perform any of the Toolbar's functions.

To enable a particular function for the Scan button:

1 ACCESS TOOLBAR SETTINGS

Click **Settings** on the MultiPASS Toolbar, then click the **Toolbar Settings** tab.

2 ACTIVATE SCANNER PUSH BUTTON DIALOG

Click the drop-down list under **When Scanner Push Button pressed**.

Select from this list the function you would like to assign to the Scan button on the control panel.

You can also select this setting by right-clicking the MultiPASS Toolbar icon on the taskbar, then selecting from the list under **When Scanner Push Button Pressed**.

How to Maintain Your F30 MFP

Routine maintenance for your F30 MFP includes keeping your unit clean, changing the ink tanks as needed and maintaining the printhead.

Cleaning Your F30 MFP

Clean your F30 MFP periodically with a soft, dry, lint-free cloth to maintain image quality, and to keep the unit free of dust and debris.

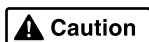
Replacing Ink Tanks

When ink runs out in an ink tank, an **INK EMPTY** message will appear in the LCD panel. The message will also specify which tank is empty: **C** for cyan, **M** for magenta, **Y** for yellow or **K** for black.

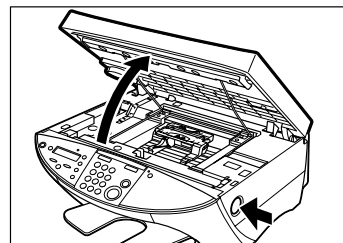
To replace an empty ink tank:

1 OPEN UNIT

Press the **Open** button to open the scanning unit. The printhead holder automatically moves to the center.



Caution Do not force the printhead holder or damage could result!

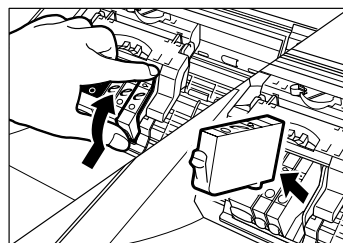


2 REMOVE EMPTY INK TANK

Press the tab on the front of the empty tank, then remove and discard.

3 PREPARE NEW INK TANK

Take the new ink tank from its package and remove the protective wrap and cap.



**Note**

Handle ink tanks carefully so that ink does not spill. Never squeeze the sides of an ink tank.

4 INSTALL NEW INK TANK

Gently insert the ink tank and press down until it clicks into place. *Do not force an ink tank into the printhead. If the ink tank does not go in smoothly, reseal it, then try again.*

Press the scanning unit closed until it clicks securely into place.

Maintaining the Printhead

Routine printhead maintenance can extend the life of your F30 MFP printhead.

Printing a Nozzle Check Pattern

The printhead discharges ink through nozzles—tiny openings from which the ink is sprayed. If faded or streaked colors and text appear on your output, some of the nozzles may be clogged. You can check this by printing a nozzle check pattern.

Ensure that paper is loaded in the F30 MFP before performing a nozzle check.

To print a nozzle check pattern from the F30 MFP control panel:

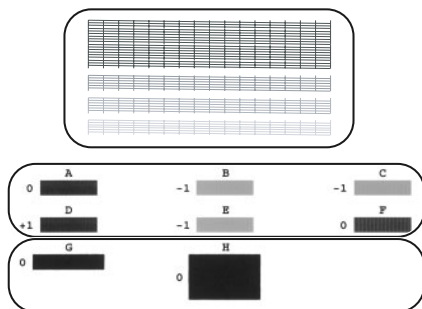
1 SELECT PRINTER SETTINGS

Press  until **PRINTER SETTINGS** appears. Press  to select.

2 PRINT NOZZLE CHECK PATTERN

The **CLEANING** option displays. Press  to select.

The **NOZZLE CHECK** option displays. Press  to select.



If the pattern is broken, missing, or a specific color is not printed, clean the printhead. See “Cleaning the Printhead” below.

If patterns are not uniformly solid, align the printhead. See “Aligning the Printhead” on the next page.

Cleaning the Printhead

If the printed nozzle check pattern is broken, missing, or a specific color is not printed, the printhead needs to be cleaned. Perform normal printhead cleaning first, then perform a deep printhead cleaning only if normal cleaning does not provide the desired result.

Cleaning the printhead consumes ink. Cleaning too often uses ink unnecessarily.

To perform a normal printhead cleaning from the control panel:

1 SELECT PRINTER SETTINGS

Press  until **PRINTER SETTINGS** appears, then press  twice.

2 SELECT HEAD CLEANING

Press   to scroll to **HEAD CLEANING**, then press  once to begin the cleaning process.

Wait until the process is complete.

3 VIEW NOZZLE CHECK PATTERN

Print another nozzle check pattern. If the pattern is broken, missing, or a specific color is not printed, perform a deep printhead cleaning.

Aligning the Printhead


When you install a new printhead or replace an old printhead, you will need to align the position of the printhead before printing.

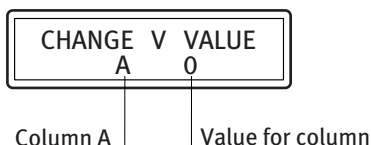
Several sheets of paper are required to align the printhead. Ensure that a stack of paper is loaded in the F30 MFP before performing alignment.

To align a new printhead:

1 PRINT VERTICAL LINE PATTERN




When a new printhead has been installed, **ALIGN PRINthead / PRESS SET KEY** will display on the LCD panel.

Press  once. The F30 MFP will print the vertical line pattern, and the LCD message will change to:



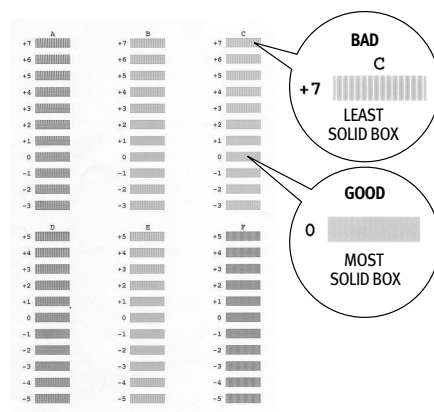
2 ENTER VALUE FOR FIRST VERTICAL COLUMN

Review the vertical pattern printout, noting which box in **Column A** prints with the most solid image.

For the A column printed pattern, use the    keys to scroll to the value for the most solid box in the column.



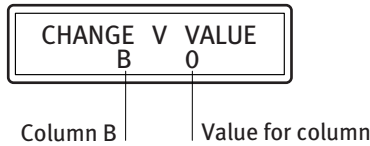
Note If you have difficulty on **Column A** when choosing between two patterns, use the larger value number.



Press  to select.

3 ENTER VALUE FOR REMAINING VERTICAL COLUMNS

CHANGE V VALUE will appear again, this time for **Column B**:



Repeat Step 2 for patterns B through F on the printout.



Note

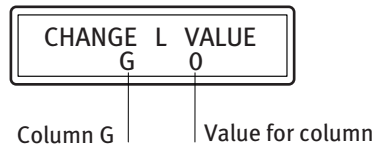
If you have difficulty on **Columns B or C** when choosing between two patterns, use the larger value number.

If you have difficulty when choosing between patterns for **Columns D, E or F**, use the smaller value number.



4 ENTER VALUE FOR REMAINING VERTICAL COLUMNS

When values for all vertical columns on the printout have been entered, the LCD will display **LAT LINE PATTERN**, and a lateral (horizontal) pattern will print.

Once the pattern has printed, the LCD message will change to:



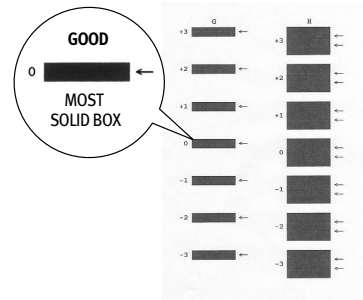
Review the lateral pattern printout, noting which solid box in **Column G** on the printout has the most solid image.

For the G column printed pattern, use the   keys to scroll to the value for the most solid box in the column.



Note

If you have difficulty on **Column G** when choosing between two patterns, use the smaller value number.



Press  to select.

Repeat this step for **Column H** on the printout.

When printhead alignment is complete, the F30 MFP will return to standby mode.

7

Troubleshooting

Tips for Troubleshooting

Troubleshooting usually falls into one of the following categories:



Software and Installation

The software will not install properly.



Printing

The printing feature is not working properly.



Scanning

The scan feature is not working as expected.



Copying

Copies are not coming out as expected.



Paper Feeding

Paper is not feeding through the unit properly.



LCD Message

An error message displays on the F30 MFP LCD panel.

If you encounter difficulties during installation or operation, scan the problems or messages in the left column until you find a description that approximates your difficulty. Go through the related solutions until you find one that works.

Canon Customer Care Center

Canon also offers a full range of customer technical support options.



Troubleshooting Software and Installation



PROBLEM	POSSIBLE CAUSE	TRY THIS
Cannot install MultiPASS Suite	Other applications running in background	Close any open software applications, including anti-virus programs, then install the software again.
	Installation not starting automatically when CD is inserted into the drive	If installation did not start automatically when you inserted the CD-ROM: 1. Double-click My Computer on the Windows desktop, then double-click CD-ROM drive . 2. Double-click csplash.exe .
	Previous MultiPASS software version installed	Always uninstall the previous version of the software prior to installing a new version. Close all MultiPASS programs, including the Toolbar. Remove the MultiPASS software using the Windows Add/Remove Programs utility, or using the Canon MultiPASS uninstall program as described in the online <i>MultiPASS Suite</i> on your CD-ROM.
Unable to communicate with device	Loose printer cable port	Verify that the cable is securely connected to both your PC and the correct printer.
	MultiPASS Status Monitor not running	To print to the F30 MFP, the MultiPASS Status Monitor must be running. Launch the Status Monitor from the MultiPASS Program menu. See "To open the Status Monitor" on page 9.
Error message: The Canon MultiPASS hardware could not be initialized	F30 MFP is not on	Ensure that the power cord is connected to the F30 MFP and plugged into a working outlet. Press the ON/OFF button to turn the unit on.
	Printer cable is loose or disconnected	Ensure that the cable connection (USB or parallel) is secure on both the F30 MFP and the PC.
	Another port device is interfering with the Canon MultiPASS port drivers	The Canon MultiPASS hardware and software is not compatible with parallel port data "pass through" devices. If you are using a "data pass through" device, you must unplug it and connect the MultiPASS directly to the parallel port on your PC.
	Another driver is interfering with the Canon MultiPASS port drivers	There is another program that uses the parallel port to which the MultiPASS printer is connected. Try changing your other printers to a port other than the port used by your F30 MFP. If this does not correct the problem, the interfering printer driver may need to be disabled or uninstalled.



PROBLEM	POSSIBLE CAUSE	TRY THIS
Error message: The Canon MultiPASS hardware could not be initialized (continued)	Parallel cable used does not meet product specification	Check that your parallel cable is an IEEE 1284 bi-directional cable. A six-foot cable is ideal.
	F30 MFP is not ready prior to launching the MultiPASS Status Monitor	Try starting the Status Monitor after the F30 MFP has been powered on. See "To open the Status Monitor" on page 9.
	F30 MFP is using a port that is malfunctioning, or is attempting to use a port that does not exist	Change the port to a functioning port through the MultiPASS Properties window: 1. Click Start , then Settings , then Printers . 2. Right-click the MultiPASS printer icon, then select Properties .



Troubleshooting Printing



PROBLEM	POSSIBLE CAUSE	TRY THIS
Alarm light comes on and F30 MFP beeps while printing	Paper is jammed	Clear the paper jam. If there is no paper jam, turn off and unplug the F30 MFP, wait five seconds, then plug it in and turn it on again. If the problem is resolved, the Alarm light will turn off, the printhead holder will move to its home position on the right, and the LCD will return to standby mode. If the alarm light remains lit, contact the Canon Customer Care Center.
Printhead moves, but one or more colors do not print	Printhead or ink tanks installed improperly	Verify that the printhead and ink tanks are installed properly. Ensure that the protective plastic covers and tapes are removed before installing.
	Printhead nozzles clogged	Print a nozzle check pattern (see "Printing a Nozzle Check Pattern" on page 34). If needed, clean the printhead (see "Cleaning the Printhead" on page 35).
	One or more ink tanks empty	Check for an error message in the LCD and replace if necessary.
Printed output is not what you expected	Incorrect printer cable used	Verify that you are using the correct printer cable.



PROBLEM	POSSIBLE CAUSE	TRY THIS
Printed output is not what you expected (continued)	Printer cable too long	Make sure the cable used does not exceed the recommended length (16.4 feet for USB; 6.6 feet for parallel).
Printout does not match paper size	Paper not correctly loaded and aligned	Make sure the paper is loaded and aligned correctly in the multi-purpose tray, and that the paper guides are adjusted correctly. See "Loading Paper" on page 3.
Printout curls	Page contains large amount of ink	Leave the sheet in the output tray for 30 to 60 seconds to allow the ink to dry. Remove the sheet carefully without touching the printed surface.
	Paper you are using is too thin	Printing dense graphics on light paper stock may cause the paper to curl. Try using heavier stock.
No printout	Printer cable not securely connected	Check the printer cable connection on both the F30 MFP and your PC.
	Incorrect parallel cable type	Ensure that you are using an IEEE 1284 bi-directional parallel cable.
	Power cord not plugged in securely	Check that the power cord is plugged securely into the F30 MFP and into the wall outlet. If the F30 MFP is plugged into a power strip, make sure the power strip is plugged in and turned on.
	Printhead not installed properly	Reinstall the printhead.
	One or more ink tanks are empty	See "Replacing Ink Tanks" on page 33.
Printed text or images are skewed	Paper not loaded correctly	Make sure the paper is loaded properly in the multi-purpose tray, and that the paper guide is adjusted correctly. See "Loading Paper" on page 3. Make sure the paper exit path is clear.
Printing suspended after each line	Printhead is too hot	When the printhead has become too hot, the F30 MFP slows its printing to protect the printhead. Stop printing and wait several minutes for the printhead to cool, then resume printing.
Printing is slow	Incorrect printer driver settings	Altering driver settings may improve print speed. See "Improving Printed Images" on page 13.
	Parallel port may not be configured for optimum speed	Change the parallel port on your PC to ECP (Extended Capabilities Port) to increase scanning speed and throughput. For details on ECP, refer to your PC user documentation or contact technical support for your PC.



PROBLEM	POSSIBLE CAUSE	TRY THIS
Error: writing to LPT1	F30 MFP not connected	Check the printer cables and ensure they are securely connected. Then try printing again.
	F30 MFP is unplugged	Plug in the F30 MFP and try printing again.
	Paper jam	Clear any paper jams. See "Clearing Paper Jams" on page 22.
	MultiPASS Status Monitor not running	To print to the F30 MFP, the MultiPASS Status Monitor must be running. Launch the Status Monitor from the MultiPASS Program menu. See "The MultiPASS Status Monitor" on page 9.
	Hardware error	Check the LCD display for a message, then take the appropriate action to correct the error and clear the message. Press Resume to continue.
Print quality is poor	Incorrect driver setting	Ensure that the printer driver is configured correctly for the paper being used. See "Improving Printed Images" starting on page 13. for more information.
	Media not supported by F30 MFP	Make sure that the paper used is recommended for this equipment.
	Printing on wrong side of paper	Some papers have a specific side for printing. If print quality is not as clear as expected, try turning the paper over and printing on the other side.
	Printhead nozzles clogged	Print a nozzle check pattern (see "Printing a Nozzle Check Pattern" on page 34). If needed, clean the printhead (see "Cleaning the Printhead" on page 35).
	Printhead or ink tanks installed improperly	Verify that the printhead and ink tanks are installed properly. Ensure that the protective plastic covers and tapes are removed before installing.
	One or more ink tanks empty	Check for an error message in the LCD and replace if necessary.
	Printhead alignment needed	If you did not align the printhead after installing a new printhead, this can affect the quality. See "Aligning the Printhead" on page 36.
Printout image is smeared	Paper thickness lever not set correctly	When printing pages that contain large quantities of ink, the paper may curl and rub. Try setting the paper thickness to the right to compensate.
Color balance is poor	Printer settings need to be adjusted	Printer settings may not be ideal for the images you are trying to print. Experiment with different settings and paper types. See "Improving Printed Images" starting on page 16.



PROBLEM	POSSIBLE CAUSE	TRY THIS
Hue changes	Printhead nozzles clogged	Print a nozzle check pattern (see "Printing a Nozzle Check Pattern" on page 34). If needed, clean the printhead (see "Cleaning the Printhead" on page 35).
	One or more ink tanks empty	Check for an error message in the LCD and replace if necessary.



Troubleshooting Scanning



PROBLEM	POSSIBLE CAUSE	TRY THIS
Difficulty scanning image with TWAIN-compliant application	TWAIN-compliant application installed after MultiPASS Suite software	If you installed the TWAIN-compliant Windows application after installing the MultiPASS Suite, there may be a problem with the TWAIN system files that were overwritten. Reinstall the MultiPASS Suite software.
Scanning an image is very slow	Parallel port connection needs to be changed	Change the parallel port on your PC to ECP (Extended Capabilities Port) to increase scanning speed and throughput. For details on ECP, refer to your PC user documentation or contact technical support for your PC.



Troubleshooting Copies



PROBLEM	POSSIBLE CAUSE	TRY THIS
F30 MFP will not make a copy	One or more ink tanks empty	Check for an error message in the LCD and replace if necessary.
	Document not loaded correctly	Remove the document and place it on the platen glass correctly. (See "Loading Documents" on page 22.)
	Printhead or ink tanks installed improperly	Verify that the printhead and ink tanks are installed properly. Ensure that the protective plastic covers and tapes are removed before installing.
	F30 MFP not operating properly	Print a nozzle check pattern (see "Printing a Nozzle Check Pattern" on page 34). If needed, clean the printhead (see "Cleaning the Printhead" on page 35).



Troubleshooting Paper Feeding



PROBLEM	POSSIBLE CAUSE	TRY THIS
Paper does not feed correctly	Multi-purpose tray contains too many sheets	Make sure the paper stack in the multi-purpose tray does not exceed the paper limit mark. See "How to Load Paper and Envelopes" starting on page 3.
	Paper not loaded correctly	Make sure that paper is loaded correctly in the multi-purpose tray, and paper guides adjusted properly. See "How to Load Paper and Envelopes" on page 3.
Paper is skewed (printing is skewed)	Paper not loaded correctly.	Make sure that paper is loaded correctly in the multi-purpose tray, and paper guides adjusted properly. See "How to Load Paper and Envelopes" on page 3.
Multiple sheets feed at same time	Paper not loaded correctly	Make sure that paper is loaded correctly in the multi-purpose tray, and that the paper guide is adjusted properly. See "How to Load Paper and Envelopes" starting on page 3.
	Sheets of paper sticking together	Fan the paper stack before loading it in the multi-purpose tray. This keeps the sheets of paper from sticking together.
	Too many sheets in multi-purpose tray	Make sure loaded paper does not exceed the paper limit mark. See "How to Load Paper and Envelopes" on page 3. Do not force paper into the multi-purpose tray.
	Different paper types mixed together	Load only one type of paper at a time. Use only recommended paper types (see inside back cover for full listing of recommended media).
Transparencies do not feed correctly	Transparencies not loaded correctly	Do not load more than 30 transparencies in the multi-purpose tray. See "How to Load Paper and Envelopes" on page 3.
Repeated paper jams	Paper used is not recommended paper	Use only recommended paper types (see inside back cover for full listing of recommended media).
Envelopes do not feed correctly	Envelopes not loaded correctly	Make sure the envelopes are loaded properly. Do not load more than 10 envelopes at a time. See "How to Load Paper and Envelopes" on page 3. If needed, clean the rollers.
	Unsupported envelope type	Envelopes must be U.S. commercial #10 or European DL envelopes.



LCD Messages



MESSAGE	POSSIBLE CAUSE	TRY THIS
C INK EMPTY	Cyan ink tank is empty	Replace the ink tank. See "Replacing Ink Tanks" on page 33.
CARTRIDGE JAMMED	Printhead cannot move	This problem is usually due to a paper jam. Clear the paper jam or obstruction (see "Clearing Paper Jams" on page 22), then press Resume . Do not attempt to move the printhead manually.
CHECK PAPER SIZE	PAPER SIZE setting different than loaded paper	Load the correct paper size or change the PAPER SIZE setting. See "Changing Page Setup" on page 17.
CHECK PRINTER	Printhead not moving	Check for any obstruction (paper clip or other small object). Also check for a paper jam and clear the jam if necessary. Then press Resume and start again.
	Waste tank is full	The F30 MFP has a built-in waste ink tank to hold the ink consumed during printhead cleaning. Contact the Canon Customer Care Center to have the waste ink tank replaced.
	Printhead is defective	Check the printhead for signs of damage. If the printhead needs to be replaced contact the Canon Customer Care Center.
COVER OPEN	Scanning unit was opened during operation	Close the scanning unit.
INK EMPTY	Black ink tank is empty.	Replace the ink tank. See "Replacing Ink Tanks" on page 33.
LOAD PAPER PRESS RESUME KEY	No paper loaded	Load paper in the multi-purpose tray. Make sure the stack is below the paper limit mark. Press Resume to continue printing.
M INK EMPTY	Magenta tank is empty.	Replace the ink tank. See "Replacing Ink Tanks" on page 33.
NOT AVAILABLE	A group speed-dialing number was manually entered	Use regular dialing, or enter a one-touch speed dialing button or coded speed dialing code that only has one number assigned to it.
PUT IN CARTRIDGE	Printhead not installed	Install the printhead.
WAIT COOLING	Printhead is too hot	Wait a few moments for the F30 MFP to cool down, then resume printing when the LCD message changes.



MESSAGE	POSSIBLE CAUSE	TRY THIS
WRONG CARTRIDGE	Printhead is not installed correctly	Re-install the printhead.
Y INK EMPTY	Yellow ink tank is empty	Replace the ink tank. See "Replacing Ink Tanks" on page 33.

Customer Care Center

Canon offers a full range of customer technical support* options:

- For e-mail support, the latest driver downloads and answers to frequently asked questions (www.usa.canon.com/consumer)
- 24-hour, 7-day-a-week automated support for troubleshooting issues on most current products (**1-800-423-2366**)
- 24-hour, Fax-On-Demand System for product specifications and technical information (**1-800-526-4345**)
- Free technical support Monday–Saturday (excluding holidays) for products still under warranty** (**1-757-413-2848**)
- Technical support 7 days a week (excluding holidays) for products no longer under warranty, at \$9.99 per call (**1-757-413-2848**)



Note

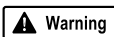
Within Canada, call for technical support 24 hours a day, 7 days a week (**1-800-OK-CANON**).

* Support program specifics are subject to change without notice.

** Refer to the product information starting on page 54 for warranty details.

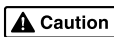
Safety Information

This guide uses the following icons to indicate situations that could cause damage or injury:



Warning

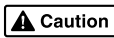
Always follow the instructions provided in Warnings to prevent potential or serious personal injury or death as a result of careless operation of the equipment.



Caution

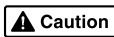
Always follow the instructions provided in Cautions to prevent minor injuries to yourself or damage to the equipment as a result of careless operation of the equipment.

Read and follow all of these cautions and warnings to ensure the safe use of the F30 MFP. To avoid the hazards of fire, personal injury, or damage to the equipment, never attempt to use the equipment in any way other than the methods described in this guide.



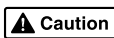
Caution

This product emits low level magnetic flux. If you use a cardiac pacemaker and feel abnormalities, please move away from this product and consult your doctor.



Caution

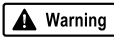
Do not disassemble or modify. There are high-temperature and high-voltage components inside the F30 MFP which may result in a fire or electrical shock.



Caution

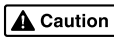
Follow all warnings and instructions marked on the F30 MFP.

Location



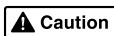
Warning

Do not place the F30 MFP near alcohol, paint thinner or other flammable substances. If flammable substances come into contact with electrical parts inside the F30 MFP, it may result in a fire or electrical shock.



Caution

Do not block or cover the ventilation port or any openings on the F30 MFP with objects, as this may result in a fire.

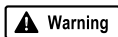


Caution

Place the F30 MFP on a flat, stable, vibration-free surface that is strong enough to support its weight (approx. 22 lb.)

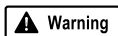
- Make sure the area is free from dust.
- Make sure the location is not affected by extreme temperature changes, and always stays between 50° and 90.5°F.
- Make sure the relative humidity of the area is between 20% and 85%.
- Keep the F30 MFP away from direct sunlight.
- Do not use or store the F30 MFP outdoors.
- Do not install the F30 MFP near devices that contain magnets or generate magnetic fields, such as speakers.
- Make sure the F30 MFP is approximately 4 inches away from walls and other equipment for proper ventilation.

Power Supply



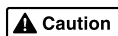
Warning

Do not damage or modify the power cord and power plug. Also do not place heavy objects on the power cord, pull on it, or extensively bend it. These actions may cause electrical damage and result in a fire or electrical shock.



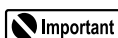
Warning

Do not insert or unplug the power plug with wet hands, as this may result in electrical shock.



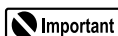
Caution

During electrical storms, turn off the power and disconnect the power cord from the power outlet.



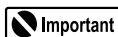
Important

If dust accumulates around the plug of the power cord when it is connected to a power outlet, unplug the F30 MFP and wipe the plug with a clean, dry cloth.



Important

Do not plug the F30 MFP into the same circuit with appliances such as an air conditioner, television, or copier. These devices generate electrical noise which may interfere with your F30 MFP's ability to operate.



Important

Whenever you turn off the power and unplug the F30 MFP, wait at least five seconds before you plug it in again.

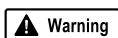
Plug the F30 MFP into a standard 120V AC/60Hz, three-prong grounded outlet. Operate the F30 MFP only from the type of power source indicated on the F30 MFP's label. If you are not sure of the type of power available, consult your local power company.

Use only the power cord that came with the F30 MFP.

Turn off the power and unplug the F30 MFP in the following conditions:

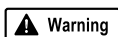
- When the power cord or plug is damaged or frayed.
- If liquid has spilled into the F30 MFP.
- If the F30 MFP has been exposed to rain or water.
- If the F30 MFP does not operate normally when you have followed the instructions in the guides included with your machine. Adjust only those controls that are covered by the instructions in the guides since improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.
- If the F30 MFP has been dropped or damaged.
- If the F30 MFP exhibits a distinct change in performance, indicating a need for servicing.

Handling



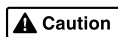
Warning

Do not drop paper clips, staples, or other metal objects inside the F30 MFP. Also do not spill water, liquid or flammable substances inside the F30 MFP. If these items come into contact with high-voltage parts inside the F30 MFP, it may result in a fire or electrical shock. If these items are dropped or spilled in the F30 MFP, turn off the power and unplug the power cord immediately with dry hands. Then, contact the Canon Customer Care Center.



Warning

Do not use any highly flammable spray near the F30 MFP. If gas from a spray comes into contact with the electrical components inside the F30 MFP, it will result in a fire.

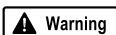


Caution

Close the platen glass cover or the scanning unit gently to avoid catching your hand. Failing to do so may result in personal injury.

- Do not press down hard on the platen glass cover when using the platen glass to scan thick books. This may damage the platen glass and/or result in personal injury.
- Do not fix your eyes on the luminous source while making copies and scanning, as this may result in personal injury.
- Do not subject the F30 MFP to strong physical shock or vibration.
- Turn off the power and unplug the F30 MFP before moving it.
- Do not lift the F30 MFP by any of its attachments.
- If the F30 MFP exhibits a distinct change in performance, this indicates a need for servicing.

Maintenance

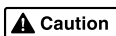


Warning

Do not service the F30 MFP yourself except as specifically described in this guide. If further servicing is required, contact the Canon Customer Care Center.

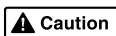
- Keep the F30 MFP clean. Dust accumulation may prevent the F30 MFP from operating properly.

Printhead and Ink Tanks



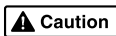
Caution

For safety, always store printhead and ink tanks out of the reach of small children. If a child accidentally licks or ingests any ink, consult a physician immediately.



Caution

Never subject a printhead or ink tank to shocks or excessive vibration. Shaking could cause ink to leak and stain clothing.



Caution

Never touch the printhead or electrical contacts on a printhead immediately after removing it from the F30 MFP. These metal parts become very hot during printing and could cause minor burns.

Turning the F30 MFP Off

To avoid equipment malfunction always use the **ON/OFF** button to turn the F30 MFP on and off. Never remove the power cord from the power outlet until you have turned off the F30 MFP by pressing the **ON/OFF** button. Once off, you can unplug the power cord from the power outlet.

Using the Printer Near Appliances and Fluorescent Lamps

Allow at least 6 inches clearance between the F30 MFP and another appliance or a fluorescent lamp. Electrical noise generated by a fluorescent lamp placed too close to the F30 MFP could cause the F30 MFP to malfunction.

Regulatory Information

MultiPASS F30 MFP Color Printer, Model Number H12220

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio

frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Plug the equipment into an outlet on a different circuit.
- Consult the dealer or an experienced radio/TV technician for help.

Use of a shielded cable is required to comply with Class B limits in Subpart B of Part 15 of the FCC Rules.

Do not make any changes or modifications to the equipment unless otherwise specified in the manual. If such changes or modifications should be made, you could be required to stop operation of the equipment.

Canon U.S.A., Inc.
Digital Home and Personal Systems Division
2995 Redhill Avenue
Costa Mesa, CA 92626
1-800-423-2366

Canadian Radio Interference Regulations

This digital apparatus does not exceed Class B limits for radio noise emissions from a digital apparatus as set out in the interference-causing equipment standard entitled "Digital Apparatus", ICES-003 of the Industry Canada.

Cet appareil numérique respecte les limites de bruits radio électriques applicables aux appareils numériques de Classe B prescrites dans la norme sur le matériel brouilleur: "Appareils Numériques", NMB-003 édictée par l'Industrie Canada.

Specifications

System Requirements

- CD-ROM drive, or access to one over a network connection
- 256-color SVGA monitor or greater
- Microsoft Internet Explorer version 4.0 or later
- 60 MB of available hard disk space (150 MB of available hard disk space is recommended)

Microsoft Windows 95/98: IBM or compatible computer with a Pentium® 90 processor or higher
32 megabytes (MB) of RAM (64 MB of RAM or more is recommended)

Windows NT 4.0: IBM or compatible computer with a Pentium 90 processor or higher
32 megabytes (MB) of RAM (64 MB of RAM or more is recommended)
Service Pack 4 or later

Windows Me: IBM or compatible computer with a Pentium 150 processor or higher
32 megabytes (MB) of RAM (64 MB of RAM or more is recommended)

Windows 2000: IBM or compatible computer with a Pentium 133 processor or higher
64 megabytes (MB) of RAM (128 MB of RAM or more is recommended)

The MultiPASS Suite for Windows 98/Me and Windows 2000 supports both parallel and USB ports.

For parallel port connection: Shielded, bi-directional, IEEE-1284-compatible parallel cable 6.6 feet or shorter

For USB port connection (Windows 98/Me and Windows 2000 only): USB cable 16.4 feet in length or shorter

General Specifications

Power Source	120 V/60 Hz
Power Consumption	Maximum: Approx. 39.6W / Standby: Approx. 5.8W
Weight	22 lb. (with components)
Environmental Conditions	Temperature: 50° to 90.5°F / Humidity: 20% to 85%
Liquid Crystal Display (LCD)	20 ~2
Display Languages	English/French/Spanish
Applicable Standards	Electrical Safety: UL, C-UL Radiation: FCC Part 15 Class B IC Other: FCC Part 68 IC, Energy Star compliant
Multi-Purpose Tray Capacity	100 sheets 20lb. plain paper / 10 Envelopes maximum

Ink Specifications

Ink Tank Colors	BCI-3eBK, BCI-3eC, BCI-3eM, BCI-3eY
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Glass Specifications

Type of Document	Thick paper, documents with uneven surfaces, photographs, small documents
Size (W x L)	8.6" x 39" maximum / 3.15" x 1.77" minimum
Quantity	1 sheet

Print Specifications

Printing Method	Bubble Jet Ink-on-Demand		
Paper Handling	Automatic feed		
Print Speed*	Color Printing, fast: 12 pages/minute Black Printing, fast: 17 pages/minute <i>*Based on Canon standard pattern</i>		
Max. Resolution	2400 (horizontal) ~1200 (vertical) dpi		
Printable Area	8.5" x 11" paper 8.5" x 14" paper Standard #10 envelope	8" x 10.8" (max.) 8" x 13.8" (max.) 8.34" x 3.87" (max.)	8" x 8.86" (recommended) 8" x 11.94" (recommended) 8.34" x 3.87" (recommended)

Recommended Print Media

Media	Load Limit
Plain paper, letter or legal, 17-30 lb.	100 sheets of up to 20 lb.
Standard #10 envelopes	10 envelopes maximum
Glossy Photo Paper	10 sheets
Banner Paper	1 sheet (can print up to 6 connected sheets)
High Resolution Paper	80 sheets maximum
Bubble Jet Paper	100 sheets maximum

Transparencies	30 sheets
High Gloss Photo Film	1 sheet
Glossy Photo Cards	20 cards

Copy Specifications

Copy Speed	B&W, letter size:	Approx. 17 pages/minute
	Color, fast mode, letter size:	Approx. 10 pages/minute
No. of Copies	B&W: Maximum 99 copies	Color: Maximum 99 copies
Density Adjustment	9 levels	
Reduction	25% to 99%	
Enlargement	101% to 400%	

Scan Specifications

Compatibility	TWAIN	
Scanning Speed	B&W Text (30 – 150 dpi):	5 seconds/page
	B&W Text (151 – 300 dpi):	5 seconds/page
	B&W Text (301 – 600 dpi):	5 seconds/page
	Grayscale (30 – 150 dpi):	5 seconds/page
	Grayscale (151 – 300 dpi):	5 seconds/page
	Grayscale (301 – 600 dpi):	5 seconds/page
	Color (30 – 150 dpi):	15 seconds/page
	Color (151 – 300 dpi):	15 seconds/page
	Color (301 – 600 dpi):	15 seconds/page
Effective Scanning Width	8.4" x 14"	
Scanning Resolution	600 ~1200 dpi optical	
Scanning Image Processing	Halftones: 256 levels of gray / Color: 16,777,216 colors	

Limited Warranty—U.S. Only

The limited warranty set forth below is given by Canon U.S.A., Inc. ("Canon") with respect to the Canon brand computer peripheral product (the "product") that you have purchased, when purchased and used in the United States. The product that you have purchased is the only product to which this warranty card and the limited warranty provided by Canon and stated on the card apply.

Your product, when delivered to you in new condition in its original container, is warranted against defects in materials or workmanship as follows: for a period of one (1) year from the date of original purchase, defective parts or a defective product returned to a Canon repair facility or a Canon Authorized Service Facility ("ASF") for such product, as applicable, and proven to be defective upon inspection, will be exchanged for new or comparable rebuilt parts, or a refurbished product, as determined by the Canon repair facility or the ASF. Warranty repair or replacement shall not extend the original warranty period of the defective product. This limited warranty does not cover any supplies or accessories, including without limitation, ink tanks, as to which there shall be no warranty or replacement.

This limited warranty shall only apply if the product is used in conjunction with compatible computer equipment and compatible software, as to which items Canon shall have no responsibility.

Non-Canon brand equipment and software that may be distributed with the product are sold "as is," without warranty of any kind by Canon, including any implied warranty regarding merchantability or fitness for a particular purpose, and all such warranties are disclaimed. The sole warranty, if any, with respect to such non-Canon brand items is given by the manufacturer or producer thereof.

This limited warranty covers all defects encountered in normal use of the product, and does not apply in the following cases:

- (a) Loss of or damage to the product due to abuse, mishandling, improper packaging by you, alteration, accident, electrical current fluctuations, failure to follow operating, maintenance or environmental instructions prescribed in Canon's instruction manual, or service performed by someone other than a Canon repair facility or an ASF.
- (b) Use of parts or supplies (other than those sold by Canon) that cause damage to the product or cause abnormally frequent service calls or service problems.
- (c) If the product has had its serial number or dating altered or removed.

NO IMPLIED WARRANTY, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, APPLIES TO THE PRODUCT AFTER THE APPLICABLE PERIOD OF THE EXPRESS LIMITED WARRANTY STATED ABOVE, AND NO OTHER EXPRESS WARRANTY OR GUARANTY, EXCEPT AS MENTIONED ABOVE, GIVEN BY ANY PERSON OR ENTITY WITH RESPECT TO THE PRODUCT SHALL BIND CANON. (SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.) CANON SHALL NOT BE LIABLE FOR LOSS OF REVENUES OR PROFITS, INCONVENIENCE, EXPENSE FOR SUBSTITUTE EQUIPMENT OR SERVICE, STORAGE CHARGES, LOSS OR CORRUPTION OF DATA, OR ANY OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE OR MISUSE OF, OR INABILITY TO USE THE PRODUCT, REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, AND EVEN IF CANON HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. IN NO EVENT SHALL RECOVERY OF ANY KIND AGAINST CANON BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT SOLD BY CANON WHICH CAUSED THE ALLEGED DAMAGE.

WITHOUT LIMITING THE FOREGOING, YOU ASSUME ALL RISK AND LIABILITY FOR LOSS, DAMAGE OR INJURY TO YOU AND YOUR PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF USE OR MISUSE OF, OR INABILITY TO USE THE PRODUCT NOT CAUSED DIRECTLY BY THE NEGLIGENCE OF CANON. (SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE EXCLUSION OR LIMITATION MAY NOT APPLY TO YOU.) THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THE PRODUCT, OR THE PERSON FOR WHOM IT WAS PURCHASED AS A GIFT, AND STATES YOUR EXCLUSIVE REMEDY.

Canon offers a full range of customer technical support* options:

For email technical support, the latest driver downloads and answers to frequently asked questions (www.usa.canon.com/consumer)

24-hour, 7-day-a-week, automated support for troubleshooting issues on most current products **(800-423-2366)**

24-hour, Fax-On-Demand System for product specifications and technical information **(800-526-4345)**

Free technical support Monday—Saturday (excluding holidays) for products still under warranty **(757-413-2848)**

Technical support 7 days a week (excluding holidays) for products no longer under warranty, at \$9.99 per call **(757-413-2848)**

If the problem can't be corrected by using one of the above technical support options, you will be asked to follow the applicable procedures for warranty service. Note that a dated proof of purchase (bill of sale) is required to verify eligibility at the time of service. This requirement will be satisfied by providing a copy of your dated bill of sale. You will also need to supply the product serial number.

Carry-In/Mail-In

Carry-In/Mail-In is a service program by which your defective product is repaired by an ASF. The name and telephone number of the ASF(s) nearest to your location may be obtained from our Web site at: www.usa.canon.com/consumer, or by calling the Canon Customer Care Center at **1-800-423-2366**. If shipping is involved, it is your responsibility to properly package and send your defective product, together with your dated proof of purchase, a complete explanation of the problem and a return address, to the ASF at your expense. Do not include any other items with your product. The repair(s) covered by this limited warranty will be made and the product will be returned to you without charge by the ASF. Repairs not covered under this limited warranty will be charged to you at such costs as each ASF may generally establish from time to time.

InstantExchange†

InstantExchange is a warranty program that expedites, usually by the next business day^{††}, the exchange of a defective product with a refurbished product. The refurbished product you receive will be covered by the balance of the period remaining on your original limited warranty. **Note that by using this service you will keep the replacement product that is sent to you, and your originally purchased product shall become the property of Canon.** InstantExchange warranty program service is available only during the express limited-warranty period for your product and only in the continental United States, Alaska and Hawaii during such period.

If the Canon Customer Care Center representative cannot correct the problem with your product over the telephone, and you elect InstantExchange warranty program service, the representative will issue you a reference number upon verification of warranty eligibility. You will be asked for information pertaining to your defective product and for a ship-to location for the replacement product (street address only). You must also provide a major credit card number that will be pre-authorized by Canon in an amount up to the cost of a new product at the time you elect InstantExchange warranty program service. **Your credit card number will be charged in an amount up to the cost of a new product** (i) if you do not return your defective product to a Canon repair facility by the date specified by Canon and in the manner described below; (ii) if the defect(s) in the product is/are not covered by this limited warranty; or (iii) if the warranty period on the product has expired or has not been sufficiently established by your supplying the appropriate documentation.

The Canon repair facility will ship out the replacement product via overnight courier, prepaid by Canon. After receipt of the replacement product (with instructions and a pre-paid return waybill), follow the instructions to ship the defective product to a Canon repair facility. You must return the defective product in the shipping carton in which the replacement product was packed (be sure to retain your printhead and ink tanks), and you must include the reference number, **a copy of your dated proof of purchase** (bill of sale) and a complete explanation of the problem. **Do not include any other items in the return shipping container.**

This limited warranty gives you specific legal rights, and you may also have other rights that vary from state to state.

* Support program specifics are subject to change without notice.

† InstantExchange warranty program service is subject to availability of refurbished replacement units.

†† 9 a.m.–5 p.m. (local), Monday–Friday (excluding holidays). The Canon Customer Care Center must receive pertinent information by 3 p.m. (E.S.T.) to ensure next-business-day InstantExchange warranty program service (two-business-day InstantExchange warranty service for Alaska and Hawaii). Canon does not guarantee next-business-day service in the event of factors beyond Canon's reasonable control.

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